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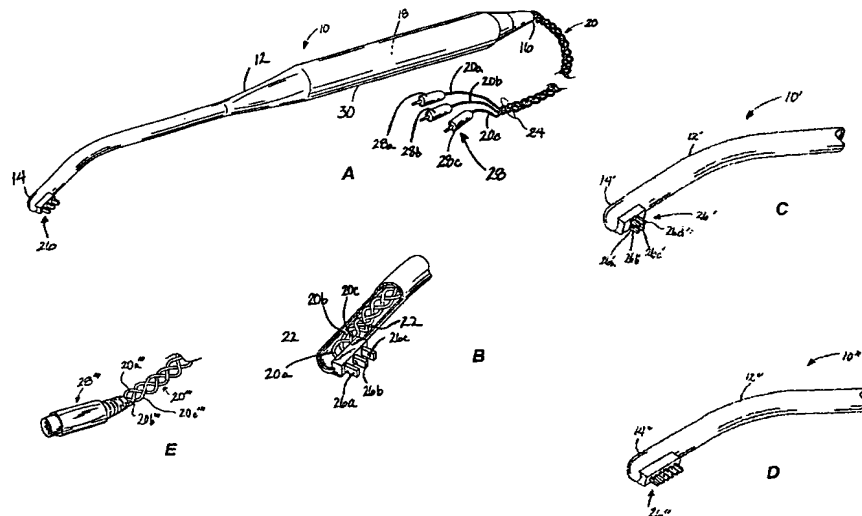
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(54) Title: TRANSMURALITY ASSESSMENT APPARATUS AND METHODS



(57) Abstract: A transmural evaluation apparatus or probe, method for manufacturing a transmural evaluation apparatus or probe, and method for assessing the transmural of a lesion. In one aspect, the transmural evaluation apparatus or probe generally includes a handheld elongate housing, wiring having a first end and a second end, at least one tissue contact electrically coupled to the wiring first end, and a terminal connector electrically coupled to the wiring second end. In another aspect, the method for assessing the transmural of a lesion generally includes establishing a first electrogram of the first region of tissue, ablating a second region of tissue to form an ablated lesion, establishing a second electrogram of the first region of tissue, and comparing the first and second electrogram to assess transmural of the ablated lesion.

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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
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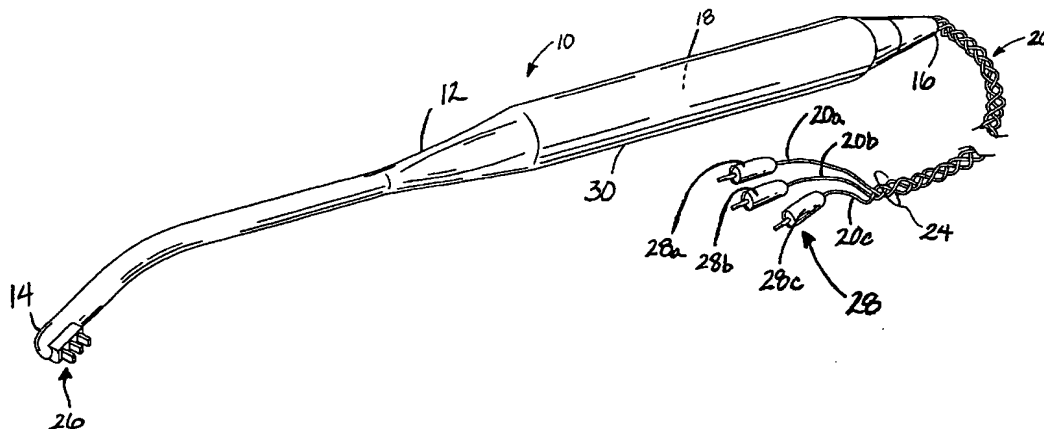
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(54) Title: **TRANSMURALITY ASSESSMENT APPARATUS AND METHODS**



(57) Abstract: A transmural evaluation apparatus or probe, method for manufacturing a transmural evaluation apparatus of probe, and method for assessing the transmural of a lesion. In one aspect, the transmural evaluation apparatus or probe generally includes a handheld elongate housing (30), wiring (20) having a first end and a second end, at least one tissue contact (26) electrically coupled to the wiring first end, and a terminal connector (28) electrically coupled to the wiring second end. In another aspect, the method for assessing the transmural of a lesion generally includes establishing a first electrogram of the first region of tissue, ablating a second region of tissue to form an ablated lesion, establishing a second electrogram of the first region of tissue, and comparing the first and second electrograms to assess transmural of the ablated lesion.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 607/98

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	US 6,584,360 B2 (FRANCISCHELLI et al) 24 June 2003 (24.06.2003), see entire document.	1-32
Y,E	US 2003/0208252 A1 (O'BOYLE et al) 06 November 2003 (06.11.2003), see entire document.	1-12,23-32
A,E	US 2003/0220639 A1 (CHAPELON et al) 27 November 2003 (27.11.2003), see entire document.	1-32

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☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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